





AR Number: AR-001-003



DEPARTMENT OF DEFENCE
DEFENCE SCIENCE AND TECHNOLOGY ORGANISATION
R.A.N. RESEARCH LABORATORY
EDGECLIFF, N.S.W.

RANRL BIBLIOGRAPHY 1/78

(C) COMMONWEALTH OF AUSTRALIA 1977

8 DE STATE

OCEANOGRAPHIC ATLASES OF THE PACIFIC AND INDIAN OCEANS: 0'S - 50'S AND 100'E - 180'E (U)

COMPILED BY

MARGARET BARNES



APPROVED FOR PUBLIC RELEASE

COPY No. 35

**MARCH 1978** 

**UNCLASSIFIED** 

78 12 18 031

9 Final rept. Dec 76 = Jun 77,

DEPARTMENT OF DEFENCE

/ RAN RESEARCH LABORATORY



(H) RANRL-BIB-1/78/

Royal Australian Lab.

RANRL BIBLIOGRAPHY 1/78

OCEANOGRAPHIC ATLASES OF THE PACIFIC AND INDIAN OCEANS:

8 - 50 S AND 100 E - 180 E

Margaret/Barnes/ Compiler

(C) COMMONWEALTH OF AUSTRALIA 1978

SUMMARY

This bibliography contains oceanographic and meteorological data relating to the Pacific and Indian Oceans. Oceanographic atlases and a limited number of maps form the basis of the material cited. (U)

[1] Mar 78]

(12) 21 p.

Approved for Public Release

POSTAL ADDRESS: The Superintendent, RAN Research Laboratory P.O. Box 706, Darlinghurst N.S.W. 2010

(IN TASK DATE NOT HE

J. Box 706, Darlinghurst N.S.W. 201

406 608

Du

# DOCUMENT CONTROL DATA SHEET

	Security classification of this pag	e: [	JNCLASSIFIED
1. 3.	DOCUMENT NUMBERS:  a. AR Number: 001-003  b. Document Series and Number:  RANRL Bibliography  c. Report Number: 1/78  TITLE: OCEANOGRAPHIC ATLASES OF 1  AND 100°E - 180°E.	t c	SECURITY CLASSIFICATION:  a. Complete document: UNCLASSIFIED  b. Title in isolation: UNCLASSIFIED  c. Summary in Isolation:  UNCLASSIFIED  CIFIC AND INDIAN OCEANS: 0°S - 50°S
4.	PERSONAL AUTHOR(S): BARNES, Margaret, Compiler		March 1978  CYPE OF REPORT AND PERIOD COVERED: FINAL, December 1976 - June 1977
7	CORPORATE AUTHOR(S):  R.A.N. Research Laboratory P.O. Box 706 DARLINGHURST NSW 2010	a b	EFFERENCES  Task: 76/59  Sponsoring Agency: NSA  Approved 4 Francis A/SSRI
10.	IMPRINT (Publishing establishment, R.A.N. Research Laboratory		OMPUTER PROGRAM(S): Title(s) and Language(s))
******	RELEASE LIMITATIONS (of the document in addition to the distribution list):  AUSTRALIA: Approved for Public Release  OVERSEAS: N.O. P.R. 1 A B C D E  ANNOUNCEMENT LIMITATIONS (of the information on this page):		
	No limitation		
	DESCRIPTORS: Atlases Oceanographic Charts Pacific Ocean Oceanographic Data Indian Ocean Bibliographies  SUMMARY/ABSTRACT: This bibliograph	y con	OSATI CODES:  0810 0802 0502  tains oceanographic and
	meteorological data relating to the graphic atlases and a limited number cited. (U).	of m	aps form the basis of the material  UNCLASSIFIED
		Sec	urity classification of this page

STOPPEN THE PROPERTY OF THE PR

# DISTRIBUTION

AUSTRALIA	ору но.		
Chief Defence Scientist	1		
Executive Controller, Australian Defence Scientific Service	2		
Controller, Services Laboratories and Trials Division	3		
Naval Scientific Adviser	4		
Deputy Director, Scientific and Technical Intelligence J10	5		
Defence Library, Campbell Park	6		
Superintendent, Defence Science Administration	7		
Defence Information Services Branch	8-9		
Director, Naval Meteorology and Oceanographic Services	10		
Principal Officer, Marine Physics Wing, W.R.E.	11		
Librarian, W.R.E. Library	12		
Dr. I.S.F. Jones, RANRL	13		
Mr. K. Robin, Australian Oceanographic Data Centre	14		
Professor of Oceanography, Flinders University	15		
Librarian, Australian Institute of Marine Science	16		
Librarian, C.S.I.R.O., Division of Fisheries and Oceanography	17		
Librarian, James Cook University of North Queensland	18		
Librarian, Bureau of Mineral Resources, Geology and Geophysics	19		
Map Curator, National Library of Australia	20		
Map Librarian, University of New South Wales	21		
Map Librarian, Sydney University	22		
Map Librarian, Macquarie University	23		
Map Librarian, The Library of New South Wales	24		
RAN Research Laboratory	25-30		
GREAT BRITAIN			
Defence Research Information Centre	31		
librarian, Institute of Oceanographic Sciences	32		
Defence Scientific and Technical Representative, London			
ACCES.			
NTIS B ff Section U	Cont'd		

UNCLASSIFIED

DISTRICT LIBRARY .. F. ILA COSES

CIAL

	Copy No.
UNITED STATES	
Defense Documentation Center	34-45
Librarian, Woods Hole Oceanographic Institution	46
Counsellor, Defence Science Washington	47
CANADA	
Defence Science Information Service	48
NEW ZEALAND	
Director, Defence Scientific Establishment	49

## ACKNOWLEDGEMENT

This bibliography has relied heavily on the more comprehensive work (which does not impose any geographical limitations), compiled by Pauline A. Keehn, namely Bibliography on Marine Atlases. Washington, D.C. January, 1968.

The Division of Fisheries and Oceanography of the C.S.I.R.O. provided the main source of location for many of the atlases cited.

#### INTRODUCTION

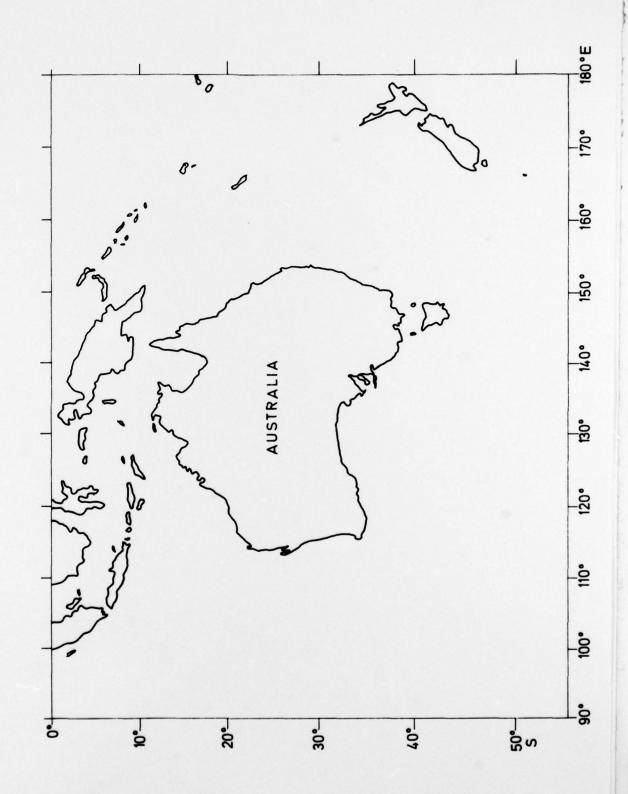
The increasing concern about the exploitation of Australia's contiguous oceans, either for military or civil uses has promoted the compilation of this bibliography of oceanographic atlases which contain information about waters around Australia.

The most comprehensive pair of atlases that by themselves give a good summary of data are:-

- Oceanographic atlas of the International Indian Ocean Expedition, edited by Klaus Wyrtki. Washington, National Science Foundation, 1971.
- World Ocean Atlas, vol 1: Pacific Ocean, edited by
   G. Gonskov. Oxford, Pergamon, 1974.

This bibiliography contains oceanographic and meteorological data relating to the Pacific and Indian Oceans, relating to the area  $0^{\circ}$ S -  $50^{\circ}$ S and  $100^{\circ}$ E -  $180^{\circ}$ E (c.f. page following for map of area covered.)

The material is arranged alphabetically in four sections: oceanographic atlases, maps, a list of encyclopaedia references and miscellaneous publications. Main entry under title in preference to editor has been given when the work is better known by the former.



- 1. AKADEMIIA NAUK, SSSR Institut Okeanologii, Tikhii okean, III, Klimiia Tikhogo okeana. (Pacific Ocean. Vol 3, Chemistry of the Pacific Ocean) Moscow, Nauka, 1966. (Chief Editor, V.G. Kort, Moskva, Nauka, 1966-72. 11 Vols) (Texts in Russian).
- 2. ALBRECHT, Fritz H W Der jährliche Gang der Komponenten des Wärme und Wasserhaushaltes der Ozeane. (Annual variations of components of the heat and water balance of oceans.) Germany. Deutscher Wetterdienst, Berichte, 11(79), 1961.
- 3. ALBRECHT, Fritz H W Heat economy and long range forecasting of the weather. Weather Development and Research Bulletin, Melbourne, No 17: 9-32, August 1951.
- 4. ALBRECHT, Fritz H W A. Monatskarten des Niederschlages im Indischen und Stillen Ozean. B. Monatskarten der Verdunstung und des Wasserhaushaltes des Indischen und Stillen Ozeans. (A. Monthly precipitation charts for the Indian and Pacific Oceans. B. Monthly evaporation and water economy charts for the Indian and Pacific Oceans.) Germany, Deutscher, Wetterdienst in der US-zone, Berichte, No 29, 1951.
- 5. AUSTRALIA C.S.1.R.O. Fisheries and Oceanography Division.
  Oceanographical charts: Tasman and Coral Seas. 1966 Cronulla, NSW.
- 6. AUSTRALIA C.S.I.R.O. Surface Temperature and salinity chartlets. (Pacific Ocean only) (Annually).
- 7. BARKLEY, Richard A <u>Oceanographic atlas of the Pacific Ocean</u>. Honolulu, Hawaii U.P. 1968.
- 8. BARLOW, E W Currents of the Western South Pacific Ocean. Marine Observer, London, 26 (174) 224-226, October, 1956.
- 9. BENNETT, Edward B Monthly charts of surface salinity in the eastern tropical Pacific Ocean. Inter-American Tropical Tuna Commission, La Jolla, Bulletin, 11 (1), 1966.
- 10. BRAULT, L Mer des Indes Cartes de la direction et de l'intensité probables des vents (Indian Ocean Charts of probable wind direction and intensity). Paris, Dépot des Cartes et plans de la marine, 1880.
- 11. BRAULT, L <u>Cartes de la direction et de l'intensité probables des vents dans l'ocean Pacifique</u> (charts of the probable wind direction and intensity in the Pacific). Paris, Dépot des Cartes et plans de la marine, Serie D, No 3764-67, 1880.
- 12. CALIFORNIA UNIVERSITY. Scripps Institution of Oceanography, La Jolla.

  Oceanic observations of the Pacific, pre-1949. Edited by Warren S.

  Wooster et al. Berkeley, California U.P., 1961.
- 13. CALIFORNIA UNIVERSITY. Scripps Institution of Oceanography. World atlas of sea surface temperatures. 2nd ed.1954 (1944) U.S.H.O. Publication No 225.

代的人の名の名が

- 14. CROWE, P R. The trade wind circulation of the world. Institute of British Geographers, Transactions and Papers 1949, No 15:39-59 (1951). The seasonal variation in the strength of the trades. 1949, No 16:25-47 (1951).
- 15. DALLAS, W L Meteorological atlas of the Indian Seas. Meteorology Department of Government of India, 1908.
- 16. DEPPERMANN, Charles E The mean transport of air in the Indian and South Pacific Ocean. Manila, Bureau of Printing, 1935.
- 17. DIETRICH, Gunter Atlas zur Ozeanographie. Manheim, Biblographisches Institut, 1967 (In German).
- 18. EASTROPAC atlas. Washington, Government Printing Office, (19-?) 11 vols.
- 19. FEAN, Catharine R Seasonal survey of average cloudiness conditions over the Atlantic and Pacific Oceans. California Uni, Scripps Institution of Oceanography, SIO Ref 61-27, Oct, 1961.
- 20. GEOLOGO-GEOFIZICHESKII atlas Indiiskogo Okeana/Geological-geophysical atlas of the Indian Ocean. Moscow, Akademiya Nauk, SSSR, and Oxford, Pergamon, 1975. (Title pages and text in Russian and English).
- 21. GORDON, (-?) USNS. "ELTANTN" Southern Ocean oceanographic atlases. Plisades, N.Y. Columbia Uni, 1975.
- 22. GREAT BRITAIN.HYDROGRAPHIC DEPT. Australia pilot Vol 17 comprising the eastern coast of Queensland from Sandy Cape to Cape York, with the off-lying islands and reefs, including Great Barrier Reef.London, 1951.
- 23. GREAT BRITAIN, Hydrographic Office. China Sea Pilot. 5 vols. London, 1926-1938. Also: UNITED STATES. Hydrographic Office. Sailing directions for Celebes, southeast Borneo, Java; Washington, D.C., 1935.
- 24. GREAT BRITAIN. Hydrographic Department. Eastern Archipelago pilot.

  Vol I. Comprising the Philippines ... 6th ed 1950. Vol II.

  Comprising the southeastern end of Sumatra ... 6th ed 1949.

  Vol III. Including the northeastern end of Celebes, Molucca, Ceram,

  Banda and Arafura Seas ... 4th ed. 1943. Vol IV. Comprising the

  western end of Java ... 2nd ed. 1939.
- 25. GREAT BRITAIN. Hydrographic Office. <u>Indian and Pacific Oceans</u>: temperature, salinity and density of the sea water (Oceanographical information sheet) London, 1952.
- 26. GREAT BRITAIN Hydrographic Department. Java Sea: oceanographical atlas temperature, salinity and density data for surface and various depths. H. D. 464, 1966 (N.P. 225).
- 27. GREAT BRITAIN. Hydrographic Office. Meteorological charts for the world. London, Hydrographer of the Navy, Admiralty (1935?).

TATAL THE STATE OF THE STATE OF

- 28. GREAT BRITAIN. Hydrographic Office. Monthly current charts for the Indian Ocean. London, Admiralty, 1896.
- 29. GREAT BRITAIN. Hydrographic Department. Pacific Islands pilot. 3 vols.7th ed. 1946.
- 30. GREAT BRITAIN. Hydrographic Office. Quarterly current charts for the Pacific Ocean. London, 1897.
- 31. GREAT BRITAIN.Hydrographic Department. Salinity and quarterly centigrade temperature charts of the surface waters of the Atlantic, Pacific and Indian Oceans with nomograms for determining the speed of sound in surface sea-water and graphs showing how the freezing point, the maximum density point, and the electrical conductivity of sea-water vary with salinity and temperature. H.D. 362.May 29, 1942.
- 32. GREAT BRITAIN ADMIRALTY. Hydrographic Department. The surface currents of the South China, Java, Celebes and Sulu Seas.

  Eastern Archipelago: Region Lat 10°S-20°N; Long 94°E.-130°E. May, 1945.

  H.D. 409.
- 33. GREAT BRITAIN. Hydrographic Department. Temperature and salinity observations in the Pacific and Indian Oceans and the Mediterranean. 1953. HMS CHALLENGER 1950-1952.
- 34. GREAT BRITAIN Hydrographic Office. Wind and current charts for the Pacific, Atlantic, and Indian Oceans. 1872.
- 35. GREAT BRITAIN Hydrographic Office. The World Sea surface conditions (atlas of wind and swell charts). London, Hydrographic Department, Admiralty, 1941.
- 36. GREAT BRITAIN Meteorological Office. Atlas of the South Pacific ocean currents. London, 1938, M.O. 435.
- 37. GREAT BRITAIN. Meteorological Office. Charts showing the mean barometrical pressure over the Atlantic, Indian and Pacific Oceans. London, (1887).
- 38. GREAT BRITAIN Meteorological Council. Charts showing the surface temperature of the Atlantic, Indian and Pacific Oceans. London, 1884.
- 39. GREAT BRITAIN. Meteorological Office. <u>Indian Ocean currents</u>. 2nd ed. 1942 (1939). M.O. 392, London, 1942.
- 40. GREAT BRITAIN. Meteorological Office. Meteorological charts of the Southern Ocean. London, 1899. Meteorological charts of the Southern Ocean between the Cape of Good Hope and New Zealand. 2nd ed., 1907; 3rd ed., 1917.
- 41. GREAT BRITAIN. Meteorological Office. Monthly meteorological charts of the Eastern Pacific Ocean. M.O. 518.1950.
- 42. GREAT BRITAIN Meteorological Office. Monthly meteorological charts of the Indian Ocean, June-July 1912; December 1914; and the East Indian Seas, October 1917; May, August 1918. M.O. 181. London, HMSO., 1912-1918.

things we get the

- 43. GREAT BRITAIN Meteorological Office. Monthly meteorological charts of the Indian Ocean, prepared in the Marine Branch of the Meteorological Office. M.O. 519 London, HMSO, 1949.
- 44. GREAT BRITAIN. Meteorological Office. Monthly meteorological charts of the Western Pacific Ocean. M.O.M. No 422. London, Meteorological Office, Marine Branch, 1942.
- 45. GREAT BRITAIN. Meteorological Office. Monthly meteorological charts of the Western Pacific Ocean. London, H.M.S.O., 1947. M.O. 484.
- 46. GREAT BRITAIN. Meteorological Office. Monthly sea surface temperatures of Australian and New Zealand waters. M.O.M. 482. 1945.
- 47. GREAT BRITAIN. Meteorological Office. Monthly sea surface temperatures of Australian and New Zealand waters (1855-1939). M.O. 516. London, 1949.
- 48. GREAT BRITAIN. Meteorological Office. Quarterly Current charts for the Pacific Ocean. Publication No. 134. London, December, 1897.
- 49. GREAT BRITAIN.Meteorological Office. Marine Division. Quarterly surface current charts of the eastern north Pacific Ocean eastward of the long. 160°W. London, HMSO, 1959.
- 50. GREAT BRITAIN.Meteorological Office. Marine Division. Quarterly surface current charts of the South Pacific Ocean. 2nd ed. London, 1967. M.O. 435.
- 51. GREAT BRITAIN AND IRELAND. Meteorological Office. South Pacific Ocean currents (compiled from observations for years 1910 to 1937). London, HMSO, 1938. M.O. 435.
- 52. HAACK (Hermann) Geographisch Kartographische Anstalt Gotha, VEB, Die Weltmeere; mit den wichtigsten Tatsachen aus Meteorologie und Nautik (World Ocean; with the most important facts on meteorology and navigation) Gotha, 1962.
- 53. HAMBURG. Deutsche Seewarte. Atlas den Meeresströmungen in dem Indischen Ozean, auf Grund der Beobachtungen Deutscher und Holländischer Schiffe. (Atlas of ocean currents in the Indian Ocean, based on observations of German and Dutch ships). Hamburg L. Friederichsen & Co., 1913.
- 54. HAMBURG. Deutsche Seewarte. Dampferhandbuch für den Stillen Ozean. (Steamship handbook for the Pacific Ocean). Hamburg, Eckhardt & Messtorff, 1922.
- 55. HAMBURG. Deutsche Seewarte. Monatskarten für den Indischen Ozean. (Monthly charts for the Indian Ocean). 2nd ed. Hamburg, 1915.

- 56. HAMBURG. Deutsche Seewarte. Stiller Ozean. Ein Atlas von 31 Karten, die physikalischen verhält und die Verkehrsstrassen darstellend ... Beilage zum Segelhendbuck für den Stillen Ozean. (Pacific Ocean. An atlas of 31 charts, showing the physical characteristics and the trade routes). Hamburg, L. Friederichsen & Co., 1896.
- 57. HAMBURG. Deutsches Hydrographisches Institut. Monatskarten für den Indischen Ozean. (Monthly charts for the Indian Ocean).

  Dritte Auflage. Hamburg, 1960. Nr 2422.
- 58. HOGBEN, N Ocean wave statistics; a statistical survey of wave characteristics estimated visually from voluntary observing Ships sailing the shipping routes of the world by N. Hogben and F.E. Lumb. London, H.M.S.O., 1967.
- 58. INTERNATIONAL Indian Ocean Expedition Plankton Atlas. New Delhi, Indian Ocean Biological Centre, 1968+.
- 59. JAPAN. Hydrographic Dept. Military weather charts, Indian Ocean. Tokyo, May 1943. Also: Military weather charts, South China Sea and surrounding areas. August 1944. Military weather charts, vicinity of Coral Sea. February 1943. (In Japanese).
- 60. JAPAN. Hydrographic Department. (Wind and current charts for the Indian Ocean) (n.d.) (In Japanese).
- 61. JAPAN. Hydrographic Department. (Wind and current charts for the Pacific Ocean) (n.d.) (In Japanese).
- 62. KONINKLIJK NEDERLANDSCH METEOROLOGISCH INSTITUT. Oceanographische en Meteorologische Waarnemingen in de Indischen Oceaan. Sept., Oct., Nov., 1856-1914; Dec., Jan., Feb., 1856-1910; March, April, May 1856-1912. (Observations oceanographiques et Météorologiques dans l'ocean Indien ... Nord de o complété et corrigé jusqua 1923. Monthly.(In Dutch and French).
- 63. KRAUS, Marie. Marine Geophysical survey program 65-67, Western, North Atlantic and Eastern and Gentral North Pacific Oceans.

  Area H.H. Vol 3: Catalog of data. May 1967. Norwood, N.J., Alpine Geophysical Associates, Inc.
- 64. LA VIOLETTE, Paul E. Temperature, salinity and density of the world's seas: South China Sea and adjacent gulfs, by Paul E. La Violette and Theodore R. Frontenac. U.S. Naval Hydrographic Office, Informal Manuscript No. 67-5, February 1967.
- 65. LAEVASTU, Taivo, Factors affecting the temperature of the surface layer of the sea; a study of the heat exchange between the sea and the atmosphere, the factors affecting temperature structure in the sea and its forecasting. Societas Scientiarum Fennica.

  Commentationes Physico Mathematicae, Vol. 25, No. 1, 1960.

- 66. LENINGRAD. Glavnaia Geofizicheskaia Observatoriia. Atlas teplovogo balansa. (Atlas of heat balance). Edited by M.I. Budyko. Leningrad, 1955.
- 67. METEOROLOGICAL atlas of the International Indian Ocean Expedition.
  Vol.I:The surface climates of 1963 and 1964, by C.S. Ramage, F.R.
  Miller and Charmian Jefferies. Vol II: Upper air, by C.S. Ramage
  and C.V.R. Raman. Washington, National Science Foundation and
  India Meteorological Dept., 1972.
- 68. METEOROLOGICAL charts for the World. Great Britain, Hydrographer of the Navy, (1928?).
- 69. METEOROLOGIE Nederlands Nieiiw Guinea. Voorlopige Atlas.

  Meteorology Netherlands New Guinea. Uitgegeven Door Het Ministerie
  Van Marine, 1959.
- 70. Monthly sea surface temperatures of Australian and New Zealand waters. London, H.M.S.O., 1949. M.O. 516.
- 71. MUROMTSEV, A M Atlas of temperature, salinity and density of water in the Pacific Ocean. Academy of Science of the U.S.S.R., Moscow, 1963.
- 72. NATIONAL GEOGRAPHICAL SOCIETY. Pacific Ocean, compiled for National Geographical Magazine, Washington, October 1969.
- 73. NETHERLANDS. Meteorologisch Instituut. Indische Oceaan Oceanografische en Meteorologische Gegevens. (Indian Ocean oceanographic and meteorological data). 2nd ed. Publication No. 135. 1952.
- 74. NETHERLANDS. Meteorologische Instituut Monatskarten der Meeresströmungen im Indischen Ozean. Abdrucke von karten aus der veröffentlichung. No. 104 des Koninklijk Nederlandsch Meteorologisch Instituut. (Monthly charts of the currents in the Indian Ocean. Reprinted from charts in Publication No. 104 of the Royal Dutch Meteorological Institute). (193-?).
- 75. NETHERLANDS. Meteorologisch Instituut. Oceanographische en meteorologische Waarnemingen in den Indischen Oceaan. (Oceanographic and meteorological observations in the Indian Ocean). Publication No. 104. 1914.
- 76. NETHERLANDS. Meteorologisch Instituut. Zeogebieden rond Australië; oceanografische en meteorologische gegevens. (Sea areas round Australia: oceanographic and meteorological data). Delft, Topografische Dienst, 1949. Publication No. 124.
- 77. OCEANIC observations of the Pacific, 1955: The NORPAC atlas, prepared by NORPAC Committee. Berkeley, Calif. U.P., 1960.
- 78. OCEANOGRAPHIC atlas of the International Indian Ocean Expedition, edited by Klaus Wyrtki. Washington, National Science Foundation, 1971.

- 79. OWEN, R.W. Atlas of July oceanographic conditions in the northeast Pacific Ocean, 1961-64. U.S., Fish and Wildlife Service, Special Scientific Report, Fisheries No. 549, January, 1967.
- 80. SEELYE, C J (ed). Climatological notes. South Pacific Region. New Zealand Meteorological Office, Ser. C, No. 1-19, 1943.
- 81. STROOMATLAS Nederland 2nd ed. 's Gravenhage, Netherlands Staatsdrukkeriz en Uitgeverijbedrijf, 1963. (Dutch atlas of currents). Dutch Government Printing and Information Service, 1963.
- 82. TRESHNIKOV, A F. Velikii vostochnyi dreif Iuzhnogo okeana. (Great Eastern Drift of the Southern Ocean), by A.F. Treshnikov, I.V. Maksimov and B.V. Gindysh. Problemy Arktiki i Antarktiki, Leningrad, No. 22: 18-34, 1966.
- 83. UNION OF THE SOVIET SOCIALIST REPUBLIC. Voenno-Morskoĭ Flot.

  Atlas Okeanov: Tikhii okean (Moskva: Glavnoe upravlenie navigatssi i okeanografii) 1974.
- 84. UNITED STATES NAVY Hydrographic Office. Atlas of pilot charts: South Pacific and Indian Oceans. 2nd ed. 1955. Publication No. 107.
- 85. UNITED STATES, NAVY. Hydrographic Office. Atlas of surface currents: Indian Ocean. H.O. 566, 1950.
- 86. UNITED STATES NAVY Hydrographic Office. Atlas of surface currents: Southwestern Pacific Ocean 1954(1944) H.O. Publication No. 568.
- 87. UNITED STATES NAVY Hydrographic Office. Australia pilot. 2nd ed. Washington, D.C., 1930-1932. 4 vol.
- 88. UNITED STATES NAVY Hydrographic Office. <u>Current charts</u>.

  Southwestern Pacific Ocean. H.O. Misc. 10058. Washington, 1944.
- 89. UNITED STATES · NAVY · Hydrographic Office. Currents in the South China, Java, Celebes and Sulu Seas. H.O. 236. Washington, 1945.
- 90. UNITED STATES, NAVY. Hydrographic Office. Monthly charts of mean, minimum and maximum sea surface temperatures of the Indian Ocean. 1967. S.P. 99.
- 91. UNITED STATES NAVY·Hydrographic Office. Pilot charts of the South Pacific. Washington, D.C., U.S. Hydrographic Office, September, 1909-November 1948.
- 92. UNITED STATES NAVY Hydrographic Office. Sailing directions for the Pacific Islands. Vol I: Western groups including the Solomon Islands. 1st ed. Vol II: The Santa Cruz Group, the New Hebrides, New Caledonia, and adjacent islands. 1st ed. Vol III: Eastern Groups 6th ed. U.S. Hydrographic Office, Publications, No. 165A, 165B, 166, all 1952.

**"大型"** (1)

- 93. UNITED STATES. NAVY. Hydrographic Office. Summary of oceanographic conditions in the Indian Ocean. 1960. S.P. 53
- 94. UNITED STATES. NAVY. Hydrographic Office. World atlas of sea surface temperatures. 2nd ed. Washington, 1948(1944).
- 95. UNITED STATES. National Oceanic and Atmospheric Administration Environmental Data Service. Climate of the upper air: Southern Hemisphere. Washington, D.C., 1971.
- 96. UNITED STATES. National Oceanographic Data Center. Atlas of bathythermograph data, Indian Ocean. Washington, D.C., National Oceanographic Data Center and Naval Oceanographic Office, 1966. Publication G-6.
- 97. UNITED STATES. National Oceanographic Data Center. Indian Ocean Atlas: interpolated values of depth, salinity, and temperature on selected sigma-t surfaces. Publication No. G-12, 1967.
- 98. UNITED STATES. National Oceanographic Data Center. The variability of water masses in the Indian Ocean, by James F. Gallagher. Publication No. G-11, 1966.
- 99. UNITED STATES. NAVAL OCEANOGRAPHIC OFFICE. Atlas of pilot charts. South Pacific and Indian Oceans. 3rd ed. 1974(1966). Washington, D.C., Defense Mapping Agency. Publication No. 107.
- UNITED STATES NAVAL OCEANOGRAPHIC OFFICE. Monthly charts of mean, minimum and maximum sea surface temperature of the Indian Ocean 1967. S.P. 99.
- UNITED STATES NAVY. Office of Naval Operations. U.S. Navy
  Marine climatic atlas of the world, Vol III, Indian Ocean.
  Washington, the author, 1957 NAVAER-50-IC-530.
- UNITED STATES NAVY. Office of Naval Operations. U.S. Navy marine climatic atlas of the world, Vol V: South Pacific Ocean. Washington, the author, 1959. NAVAER-50-IC-532.
- 103. UNITED STATES. Weather Bureau. Atlas of climatic charts of the oceans. Washington, U.S. Government Printing Office, 1938.
- 104. UNITED STATES. Weather Bureau. Climatic features of the Pacific Island region. Part 1. Washington, 1936.
- 105. UNITED STATES. Weather Bureau. Daily synoptic series. Historical/weather maps, South-West Pacific sea level. Washington, D.C.1943.
- 106. UNITED STATES. Weather Bureau. Meteorological chart of the South Pacific Ocean 1909 December 1911 May: 1911 Sept to 1913 Aug. Washington, 1909/13.

- 107. UNITED STATES. Weather Bureau. Monthly and quarterly meteorological charts, (Vol. 2) ... South Pacific Ocean June, 1911 to August, 1913.
- 108. VAN DIJK, W An investigation of the vergence field of the wind and ocean currents of the Indian Ocean. Archiv für Meteorologie Geophysik und Bioklimatologie, Ser. A, 9(1): 158-177, 1956.
- 109. VAUX, D Surface temperature and salinity for Australian Waters, 1961-65. Melbourne, CSIRO, 1970. Division of Fisheries and Oceanography Atlas No. 1.
- 110. VOITOV, V I <u>Prozrachnost</u> vod vostochnoj chasti Indijskogo okeana v period letnego mussona. (Transparency of waters of the eastern Indian Ocean during the summer monsoon).

  Akademiia Nauk SSSR. Institut Okeanologii, Trudy, 77: 92-97, 1965.
- 111. VON KRUZENSHTERN, Ivan Fedorovich. Atlas de l'Océan Pacifique. (Atlas of the Pacific Ocean). St Petersbourg, 1827.
- 112. WIEDERANDERS, Carl J. Monthly mean climatology charts of the Pacific. (In:U.S. Asian Weather Symposium, John Hay Air Base, Philippine Islands, Feb. 1961, (Papers). 1961. Paper No. 23.
- 113. WILHELMSHAVEN, Germany. Marineobservatorium Klimadienst.

  Stiller Ozean Klimakarten. (Pacific Ocean climatic charts).

  1940. Also: Indischer Ozean Klimakarten (Indian Ocean climatic charts). 1940.
- WORLD Ocean Atlas, Vol I: Pacific Ocean, edited by S.G.
  Gorshkov Oxford, Pergaman, 1974. (In Russian) (Includes a separate booklet with an introduction and index in English).
- 115. WYRTKI, Klaus. Physical oceanography of the Southeast Asian waters. California University, Scripps Institution of Oceanography, La Jolla, NAGA Report, Vol 2, 1961.
- 116. WYRTKI, Klaus. Surface circulation in the Coral and Tasman Seas. Aust., CSIRO, Division of Fisheries and Oceanography, Technical Paper No. 8, 1960.

# LIST OF MAPS RELATING TO PACIFIC' AND INDIAN OCEAN AREAS

- 1. AUSTRALIE et Nouvelle Zélande. Bruxelles Mantrieks (map . . ocean currents).
- 2. AUSTRALIEN und Polynesien. Cotha, Haack. (map ... sea dept!)
- 3. AUSTRALIEN, Indônesien, Ozeanien. Mun hen: list (map showing ocean current directions ... sea depths).
- 4. THE INDIAN Ocean, the geology of its bordering lands and the configuration of its floor by J.F. Pepper and G.M. Everhart. Washington, U.S.G.S., 1963 (Geological map of shore area., bathymetric contours ...).
- 5. INDIISKI Okean. Moskva, CUGK, 1973 (map).
- 6. INTERNATIONAL GEOPHYSICAL YEAR, 1957-58.

  Part II: Tropical zone 25° North and 25° South: daily sea level and 500 MB charts. Part III: Southern hemisphere south of 20° S. Monthly volumes 1957-58. (various places, various publishers, 1958).
- 7. NEW ZEALAND. Oceanographic Institute. New Zealand region bathymetry. Scale 1: 6,000,000 at 46°S.
- 8. OCEAN Pacifique. Paris, Hatier (map ... ocean depths, sea and air currents).
- 9. <u>PACIFIC Ocean</u> (double portrait). Washington, National Geographs Society, 1969 (map).
- 10. PACIFIC Ocean area. Chicago, Denoyer Geppert (map of Pacific Ocean ... depths, currents, continents of Australia, ...).
- 11. PACIFIC Ocean in four sheets ... south west sheet with additions and corrections to 1968. London, The Admiralty, 1969. (1st pub. 1875 but since corrected several times). (Navigational chart).
- 12. PHILIP'S comparative wall atlas of Australia and New Zealand. London, Philip. (Set of 5 maps).
- 13. PHYSIOGRAPHIC diagram of the Indian Ocean, the Red Sea, the South China Sea, the Sulu Sea and the Cel bes Sea by Bruce C. Heezen and Marie Tharp. New York, Geological Society of America, 1964 (map).
- 14. PHYSIOGRAPHIC diagram of the Western Pacific Ocean (b) Bruss C Heezen and Marie Tharp. Boulder, Colorado, Geological Society of America, 1971. (map).
- 15. <u>SEDIMENTS of coastal areas</u>. Wellington, Ocean grap ic Inst. 1966+ (maps).

- 16. TECTONIC map of the southwest Pacific (at Lat. 46°S).
  Wellington, New Zealand Oceanographic Institute, Dept. of
  Scientific and Industrial Research, 1970. (map).
- 17. UNITED STATES NAVAL OCEANOGRAPHIC OFFICE. Bathymetric Analysis Division. Indian Ocean. (map) (n.d.).
- 18. UNITED STATES NAVAL OCEANOGRAPHIC OFFICE. Bathymetric Analysis Division. Indian and Pacific Oceans Bay of Bengal, South China Sea, Andaman Sea. (map) (n.d.).

## MISCELLANEOUS PUBLICATIONS

- 1. MAXWELL, W H G Atlas of the Great Barrier Reef. Amsterdam, Elsevier, 1968.
- ORD, Ian Geoffrey Atlas of the South West Pacific. 2nd ed. Brisbane, Jacaranda Pr., 1968.
- 3. REID, Joseph L <u>Intermediate waters of the Pacific Ocean.</u>
  Baltimore, Md., Johns Hopkins Press, 1965. (Johns Hopkins Oceanographic Studies, Baltimore, No. 2).
- 4. SCHOTT, Gerhard. Geographie des Indischen und Stillen Ozeans. (Geography of the Indian and Pacific Oceans). Hamburg, C. Boysen, 1935.
- 5. SCIENTIFIC exploration of the South Pacific. Proceedings of a Symposium held during the ninth General Meeting of S.C.O.R., June 18-20, 1968, at Scripps Institute of Oceanography, California, 1970. National Academy of Sciences. Editor: W.S. Wooster.
- 6. SOMERVILLE, Boyle T Ocean passages for the world. Winds and currents. London, HMSO, 1923.

# LIST OF ENCYCLOPAEDIA REFERENCES TO OCEANOGRAPHIC MAPS OF PACIFIC AND INDIAN OCEANS

- 1. DEPTHS, basins in American Oxford Atlas, N.Y., O.P., 1951, p. 13 (map) (Indian Ocean).
- 2. INDIAN Ocean and Ceylon. Insets: Christmas Island, Cocos Island in The Times Atlas of the World, London, Times Pub Co., Edinburgh, Bartholomew, 1955-1960. 5 vols. Vol 2, Pl 26.
- 3. NORTH and South Pacific. Depths, basins in American Oxford Atlas, N.Y., O.P., 1951, pp. 14-15 (map) (Pacific Ocean).
- 4. PHYSICAL. Basins, deeps, ridges in Bartholomew's Advanced Atlas, Edinburgh, Bartholomew, 1959, pp. 77 (map) (Indian Ocean).
- 5. PHYSICAL. Basins, deeps, ridges, rises in Bartholomew's Advanced Atlas, Edinburgh, Bartholomew, 1959, pp. 102-103 (map) (Pacific Ocean).